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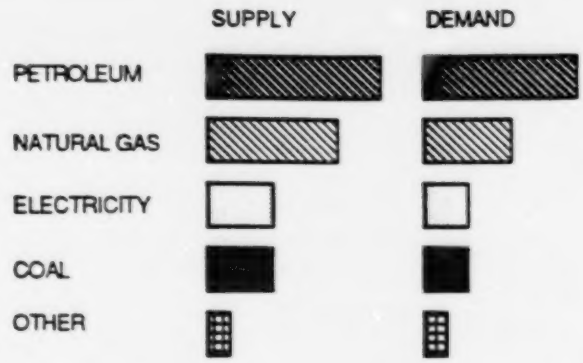

1987 CANADIAN ENERGY STATISTICS REVIEW

ENERGY STATISTICS DIVISION

88-06185/

FOR FURTHER INFORMATION CONSULT:

- Energy Statistics Handbook
- ENERSTAT Database
- T.D. Robertson (996-1130)
  L.E. Murray (996-2873)
  H. Carby-Samuels (996-9901)

Aussi disponsible en français.

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INTRODUCTION

This commentary upon the more significant quantative changes to energy supply, demand, and prices during 1987 is comprised of five sections:

I. Energy production and domestic demand

II. Energy supply and demand by commodity

III. Energy in the economy

IV. Energy prices

Statistical Appendix

Three themes are apparent:

- Canadian energy producers increased production in response to economic growth, deregulation, and increased export opportunities. Nevertheless, new capital investment continued to decrease, both in absolute terms and as a percentage of G.D.P.
- Decreased prices for natural gas, coal and electricity exports stimulated higher export volumes.
- The structural changes in energy demand patterns, such as the shift away from oil towards natural gas and electricity, continue. However, the oil share of the energy demand increased in 1987, due partly to heavy fuel oil demand for electricity generation in Newfoundland.

I. ENERGY PRODUCTION AND DOMESTIC DEMAND

- Primary energy **production** set a new record of 10 188 petajoules in 1987(Chart 1), an increase of 4.9 percent from 1986.
- **Production** of crude oil, natural gas liquids, natural gas, electricity and coal all increased during 1987, reflecting a combination of economic growth, increased export volumes, and decreased export prices(Table 1).
- Primary energy **consumption** increased 3.4 percent, from 7 704 petajoules in 1986 to 7 967 petajoules in 1987, the highest level since the record 8 050 petajoules of 1980.
- The petroleum share of primary energy **consumption** increased, from 40.2 percent in 1986 to 41.4 percent in 1987. This was only the second annual increase since 1975 when the petroleum share was 54.2 percent.
- Domestic demand for natural gas decreased slightly, but the domestic demand for crude oil, refined products, natural gas liquids, electricity and coal all increased, in conjunction with our G.D.P.

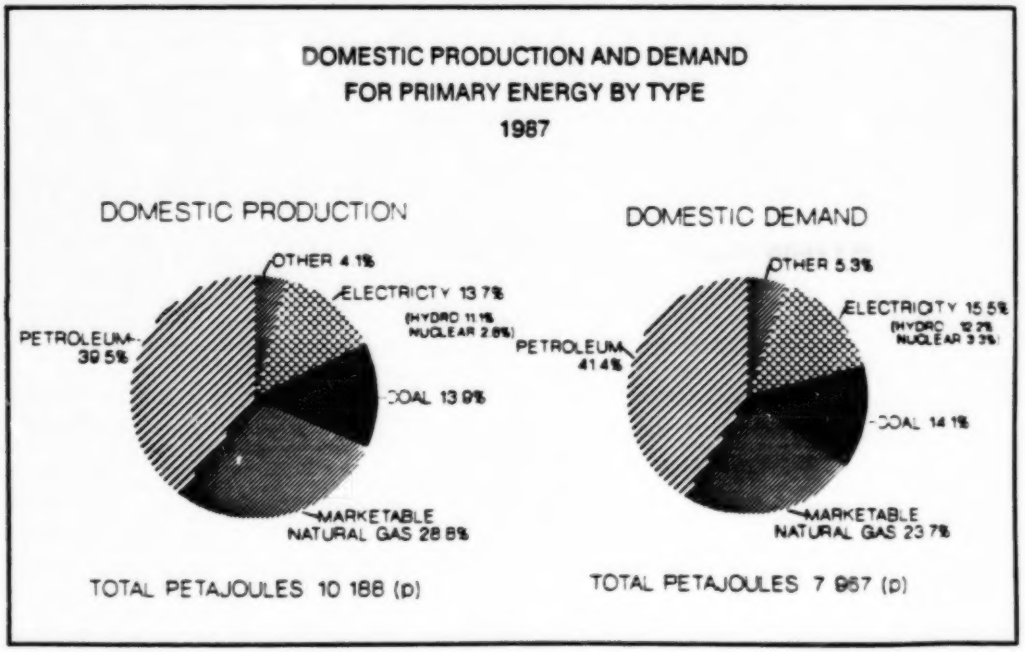

CHART 1

TABLE 1

ENERGY SUPPLY AND DEMAND
1987

	Production		Imports		Exports		Domestic Demand	
	Amount	% Chg.	Amount	% Chg.	Amount	% Chg.	Amount	% Chg.
Petroleum[1] ($10^3m^3/d$)	301.8	5.4	86.2	14.8	138.7	7.7	249.1	3.2
Crude & Equivalent ($10^3m^3/d$)	260.7	4.2	64.3	14.1	98.7	6.1	223.1[2]	4.0
Refined Petroleum Products ($10^3m^3/d$)	239.8	4.8	21.9	17.2	27.0	15.2	230.8	2.2
LPG[3] ($10^3m^3/d$)	49.4	12.5	-	-	14.7	7.8	33.3	16.4
Natural Gas (10^9m^3)								
Indigenous Supply[4]	88.4	7.0						
Marketable Production[5]	77.9	7.9	0.1	-64.2	28.0	32.9	60.5	-0.2
Electricity (tWh)	482.1	5.8	3.5	-30.0	47.4	21.8	438.2	3.9
Coal (megatonnes)	61.2	5.9	14.3	7.8	26.7	3.2	50.1	12.6

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1 Petroleum is defined as crude and equivalent plus gas-plant ethane, propane and butane.

2 Crude runs to stills are used as a proxy for domestic demand for crude even though some of the refined petroleum products produced are exported.

3 Total LPG production is comprised of 44.4 thousand m^3/d (83.2 percent) produced in gas plants, plus 8.4 thousand m^3/d (16.8 percent) produced in the domestic refining process, which is also included in the refined petroleum products section (group #3) shown above.

4 Indigenous Supply includes producer consumption.

5 Marketable Production excludes producer consumption.

II. ENERGY SUPPLY AND DEMAND BY COMMODITY

Petroleum[1]

Production

- Petroleum production increased 5.4 percent, from 286.4 to 301.8 thousand m^3/d (Table 1).
- Crude and equivalent production, which accounts for 86.4 percent of total petroleum production, was up 4.2 percent, to 260.7 thousand m^3/d (Table 1).
- Although the volume of light crude production increased 1.6 percent, to 154.6 thousand m^3/d, the light crude share of total crude production continued to decline, from 60.8 to 59.3 percent.
- Production of medium crude, all by Saskatchewan, increased 36.2 percent, to 11.1 thousand m^3/d. However, Saskatchewan accounts for only 12.5 percent of our total crude production. Light crude production in Saskatchewan declined 11.4 percent to 12.1 thousand m^3/d.

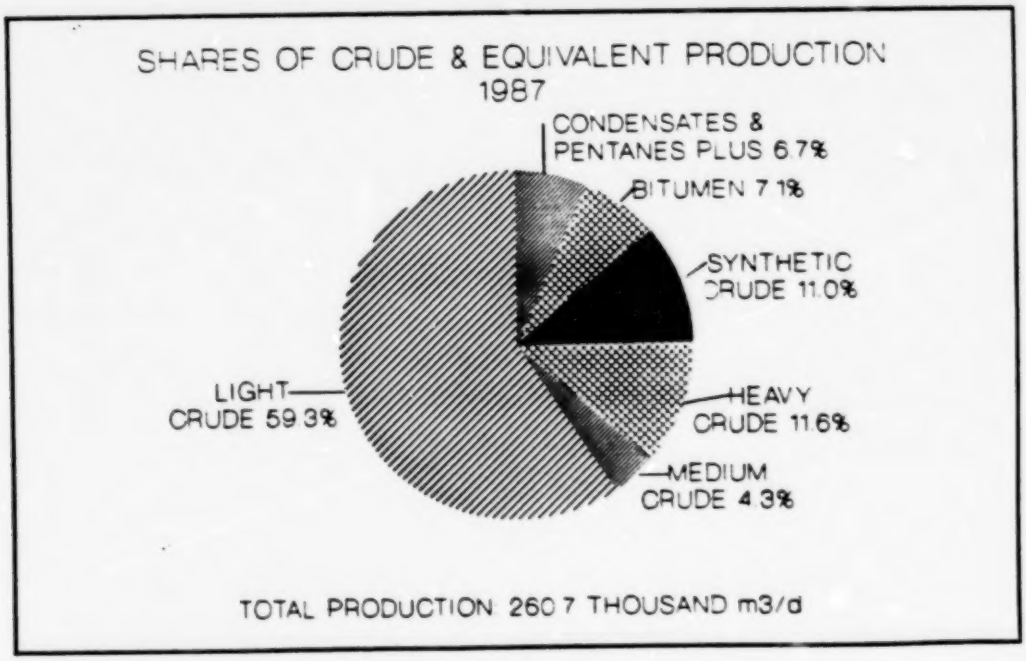

CHART 2

- Heavy crude production increased 3.1 percent, from 29.4 to 30.3 thousand m^3/d, and its share of total crude production was relatively stable at 11.6 percent.

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1 Petroleum subsumes crude, refined products, and gas plant L.P.G.

- Synthetic crude production decreased 2.3 percent, to 28.7 thousand m^3/d, and its share of crude production decreased from 11.7 to 11.0 percent.

- Bitumen production increased 24.4 percent, from 14.8 to 18.4 thousand m^3/d. The bitumen share of crude and equivalent production increased from 5.9 to 7.1 percent.

- Gas plant production of ethane, propane, and butane increased 13.6 percent, from 36.1 to 41.1 thousand m^3/d; and refinery production provided the remainder of LPG output, the total of which increased 12.5 percent, from 43.9 to 49.4 thousand m^3/d.

Domestic Demand

- Domestic demand for petroleum increased 3.2 percent, from 241.3 to 249.1 thousand cubic m^3/d (Table 1).

- Domestic demand by refineries for crude (runs to stills) increased 4.0 percent, from 214.6 to 223.1 thousand m^3/d.

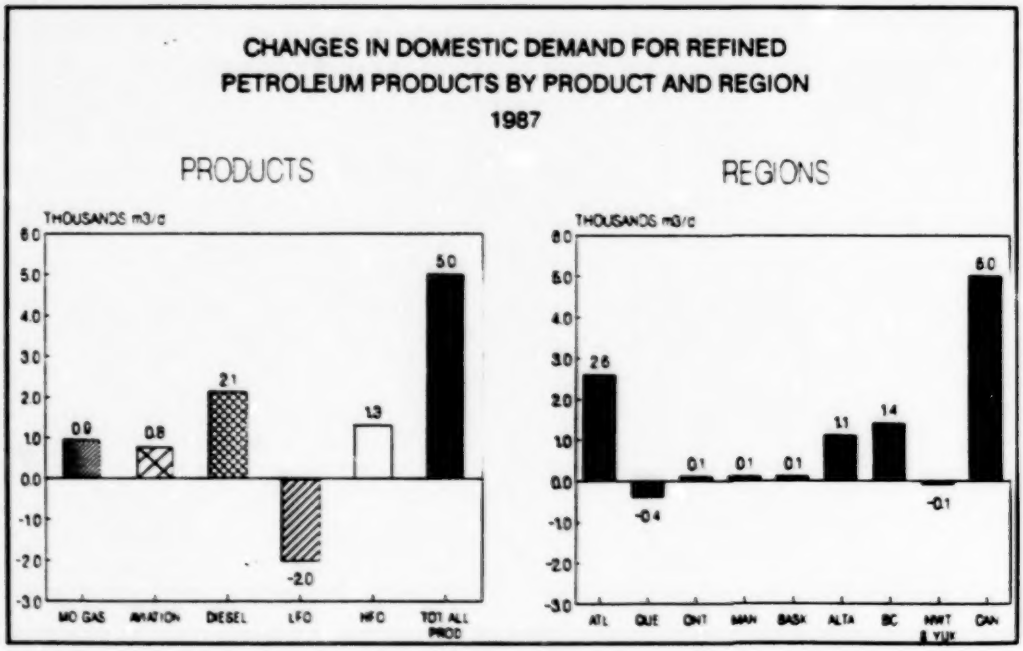

CHART 3

Refined Products

- Domestic demand for refined petroleum products increased 2.2 percent, from 225.8 to 230.8 thousand m^3/d. Refined oil product demand, excluding refinery-produced L.P.G., increased 1.9 percent.

- Among the five principal refined petroleum products, only the demand for light fuel oil decreased, by 10.6 percent, from 19.3 to 17.3 thousand m^3/d.

Heavy Fuel Oil

- Heavy fuel oil demand increased, by 6.6 percent, to 20.8 thousand m^3/d. This was the second annual increase since the 50.8 thousand m^3/d peak reached in 1977, and was led by an increase of 29.8 percent, or 2 thousand m^3/d, in the Atlantic Provinces.

- This increased demand in the Atlantic Provinces accounted for 40 percent of the total demand increase of 5 thousand m^3/d for all refined petroleum products.

- Most of the surging demand increase for heavy fuel oil in the Atlantic region was for the thermal generation of electricity and was largely met by imports.

- Increased heavy fuel oil imports accounted for nearly two-thirds of our increased imports of all refined petroleum product.

Diesel

- Demand increases of 5 percent or more were registered in all provinces except Saskatchewan, up 1.8 percent, and Alberta, up 1.1. percent. The increase in British Columbia reached 10.8 percent.

- The 2.1 thousand M^3/d increased demand for diesel fuel was equal to more than 40 percent of the total demand increase for all refined petroleum products.

Light Fuel Oil

- The mild winter months of 1987 (3.6 percent less degree days in the first and fourth quarters) accentuated the declining trend in the demand for light fuel oil in Ontario and Quebec.

- Demand for light fuel oil decreased by 2 thousand m^3/d, or 10.6 percent. Ontario and Quebec each accounted for 45 percent of the decrease.

L.P.G.

- Domestic demand for LPG increased 16.4 percent, from 28.6 to 33.3 thousand m^3/d. Nearly 75 percent of the gain was accounted for in the demand for ethane by Alberta's petrochemical industry, and for solvent flood oil production.

- Alberta, with 65.0 percent of 1987 demand for LPG, increased its demand 18.7 percent, from 18.6 to 22.1 thousand m^3/d.

- Ontario, which increased its domestic demand for propane by 48.9 percent, from 4.0 to 5.9 thousand m^3/d, accounted for all of the increased domestic demand for propane. This province consumed 31.4 percent of our total propane production and accounted for 48.4 percent of

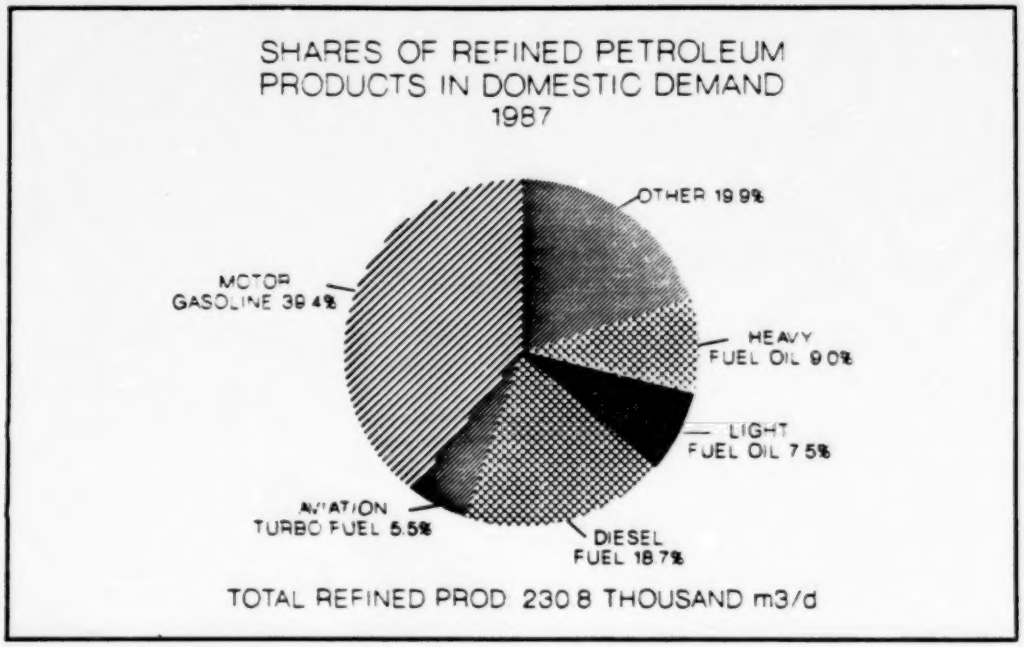

CHART 4

domestic demand for propane. Ontario also increased its total demand for LPG by 30.2 percent, from 4.7 to 6.2 thousand m^3/d.

Motor Gasoline

- Domestic demand for motor gasoline, which accounted for 39.4 percent of the total domestic demand for refined petroleum products in 1987 (Chart 4), grew by 1.0 percent, from 90.1 to 91.0 thousand m^3/d.

Imports

- The share of crude imports in the total domestic demand for crude rose from 26.2 percent to 28.8 percent.
- Crude imports, which made up 74.6 percent of our total petroleum imports, increased 14.1 percent, from 56.4 to 64.3 thousand m^3/d (Table 1).
- The UK provided the bulk of our crude imports. Its share of our average daily imports increased from 42.6 percent in 1986 to 50.4 percent in 1987. Its average daily delivered volume also increased by 34.7 percent, from 24.0 to 32.4 thousand m^3/d.
- Heavy fuel oil imports were up 48.3 percent, or 1.9 thousand m^3/d. Atlantic thermal electricity producers were the principal destination of that increase.

- Total imports of refined petroleum products increased by 17.2 percent, from 18.7 to 21.9 thousand m^3/d.

Exports

- Petroleum exports rose 7.7 percent, from 128.7 to 138.7 thousand m^3/d (Table 1).
- Exports of crude rose 6.1 percent, from 93.0 to 98.7 thousand m^3/d, but export revenues from crude increased 29 percent, from $3.8 to $4.9 billion.
- Exports of light and medium crudes increased 3.1 percent, from 40.7 to 42.0 thousand m^3/d, and exports of heavy crude mixes increased 8.5 percent, from 52.3 to 56.8 thousand m^3/d.
- Refined petroleum product exports increased 15.2 percent, from 23.4 to 27.0 thousand m^3/d (Table 1).
- Light fuel oil exports increased 20.4 percent, from 5.8 to 7.0 thousand m^3/d. Exports of aviation turbo fuel doubled to 2.6 thousand m^3/day. However, our exports of motor gasoline declined 1.8 percent, from 5.6 to 5.5 thousand m^3/d.
- Exports of LPG increased 7.8 percent, from 13.6 to 14.7 thousand m^3/d (Table 1), but export revenues declined 3.4 percent, from $686 to $663 million.

Capital Expenditures

- Total capital expenditures for all sectors of the oil and gas industry declined 11.9 percent, from $7.5 billion in 1986 to $6.6 billion in 1987 (See Appendix).

Natural Gas

Production

- Indigenous supply (which includes producer consumption) was up 7.0 percent, from 82.6 to 88.4 billion m^3 (Table 1).
- Producer consumption which includes consumption by tar sand producers, accounted for 10.5 billion m^3, or 11.9 percent of indigenous supply.
- Marketable production, net of producer consumption, was up 7.9 percent, from 72.1 to 77.8 billion m^3 (Table 1).

Domestic Demand

- Domestic demand for natural gas declined 0.2 percent, to 60.5 billion m^3 (Table 1). While industrial demand increased, reflecting the 3.9 percent increase in G.D.P., demand in both the

commercial and residential sectors declined, reflecting the decreased demand for space heating due to the milder winter months of 1987.

Exports

- Exports of natural gas, which equalled 31.7 percent of indigenous supply, and 46.3 percent of domestic demand, increased 32.9 percent in 1987, from 21.1 to 28.0 billion m^3. However, export revenues increased only 1.8 percent from $2.48 billion to $2.53 billion.

Electricity

Production

- Electricity production increased 5.8 percent, from 455.8 to 482.1 tWh (Table 1).
- Hydro production, 65.0 percent of all electricity generated in 1987, increased 1.8 percent, largely as a result of a 24.8 percent increase in B.C., from 48.9 to 61.1 tWh, and a 5.4 percent increase in Quebec, from 144.3 to 152.1 tWh.
- Conventional thermal production, 19.9 percent of the total electricity generated in 1987, provided 56.8 percent of the increased generation, growing by 18.7 percent, or 15.1 tWh. This increase occurred in all provinces.

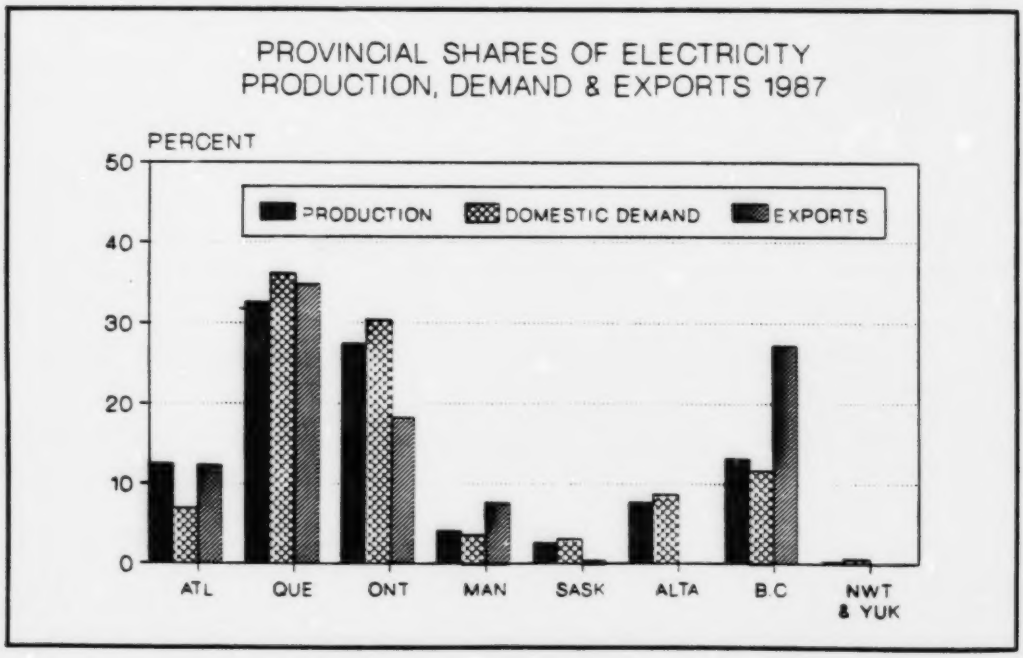

CHART 5

- The largest total volume increases in conventional thermal production were in Ontario, 30.4 percent, or 7.9 tWh, and Alberta, 7.3 percent or 2.4 tWh. However, the 81.3 percent increase in thermal generation in Newfoundland, from 1.3 to 2.3 tWh, was responsible for the bulk of the increase in our demand for heavy fuel oil referred to above.

- Nuclear generation, 15.1 percent of the total, increased by 8.4 percent to 72.9 tWh.

Domestic Demand

- Total domestic demand for electricity increased 3.9 percent, from 421.8 to 438.2 tWh (Table 1).

- With the exception of Manitoba, where electricity demand decreased by 2.2 percent, and Newfoundland, where the decrease was only 0.2 percent, electricity demand increased in every province by from 3 to 6 percent.

Exports

- Exports of electricity increased 21.8 percent, from 38.9 to 47.4 tWh (Table 1), but export revenues increased by only 11 percent, from $1.1 to $1.2 billion (See Appendix).

- Exports represented 9.8 percent of our total electricity production. Quebec provided 34.6 percent of our electricity exports, while B.C. provided 27.0 percent (Chart 5).

- British Columbia increased its exports by 8.7 tWh, or 208 percent in 1987, and Quebec by 3.7 tWh, or 29.4 percent.

Capital Expenditures

- Capital expenditures of the electricity generation and transmission industry increased 10.9 percent, from $5.6 billion in 1986 to $6.2 billion in 1987.

Coal

Production

- Total coal production increased 5.9 percent, from 57.8 to 61.2 megatonnes (Table 1).

- Production of bituminous coal, 53.3 percent of our 1987 total, increased 1.4 percent, from 32.2 to 32.7 megatonnes, while sub-bituminous production, 30.2 percent of our total, was up 7.0 percent, to 18.5 megatonnes. Lignite production increased 21.0 percent to 10.0 megatonnes.

- British Columbia production, which accounted for 67.3 percent of our total bituminous coal output of 32.7 megatonnes, was up 4.0 percent.

- Alberta bituminous coal production, 22.0 percent of our total declined 5.5 percent. However, this was more than offset by increased production of sub bituminous coal for thermally generated electricity.

- Alberta's sub-bituminous coal production increased 7.0 percent, from 17.3 to 18.5 megatonnes. As a result, total coal production in Alberta increased 3.2 percent.

Domestic Demand

- Domestic demand increased 12.6 percent, from 44.5 to 50.1 megatonnes (Table 1). Almost all of this increase was for the thermal generation of electricity.

- An 18.7 percent increase in the total generation of electricity from conventional thermal sources, was the principal cause of the increase in domestic demand for coal.

- The demand for coal by electric power generating stations, which account for 83.4 percent of total domestic demand, increased 14.9 percent, from 36.3 to 41.8 megatonnes.

- Metallurgical coal consumption, 12.6 percent of total domestic demand, increased by 2.8 percent, from 6.1 to 6.3 megatonnes.

- Demand in Ontario, 37.5 percent of the total domestic demand for coal, increased 18.7 percent, from 15.9 to 18.8 megatonnes.

- Demand in Alberta, 38.0 percent of total domestic demand for coal, was up 7.7 percent, from 17.7 to 19.1 megatonnes.

Imports

- Ontario was the only importer of coal in 1987. However, even though the conventional thermal generation of electricity in Ontario was up 30.4 percent, and its coal consumption was up by 18.7 percent, from 15.9 to 18.8 megatonnes, provincial imports of coal were up only 1 megatonne, or 7.8 percent, to 14.3 megatonnes.

Exports

- The volume of coal exports increased 3.2 percent, from 25.9 to 26.7 megatonnes. However, coal export revenues declined 9.8 percent, from $1.9 to $1.7 billion (See Appendix).

Capital Expenditures

- Capital expenditures of the coal industry declined 14.4 percent, from $995 million in 1986 to $852 million in 1987.

III. ENERGY IN THE ECONOMY

- The GDP of the energy sector increased 5.1 percent, while the rate of increase of the total GDP was 3.9 percent (Table 2).
- The value of the export portion of our energy trade increased nearly 10 percent, from $12.1 to $13.3 billion (see Statistical Appendix).
- The increase in the energy share of G.D.P., now 5.9 percent, was due largely to increases in the volume of exports. Export prices have decreased significantly, except for crude.
- Capital investment in the energy sector declined 2.0 percent, from $13.6 billion in 1986 to $13.3 billion in 1987.

TABLE 2

ENERGY CONTRIBUTION TO GDP

	1986	1987	% Change	Percentage Shares 1986	1987
	MILLIONS OF $ (CONSTANT 1981)				
GDP	406 931.0	422 602.0	3.9	100.0	100.0
Crude Petroleum and Natural Gas Industry	11 608.0	12 143.0	4.6	2.8	2.9
Petroleum and Coal Products	829.0	869.0	4.8	0.2	0.2
Coal Mines	952.0	1 073.0	12.7	0.3	0.2
Gas Distribution	1 103.0	1 077.0	-2.3	0.3	0.3
Electric Power[1] (Utilities)	9 419.0	9 969.0	5.8	2.3	2.3
Total Energy Industries	23 911.0	25 131.0	5.1	5.9	5.9

Energy and the C.P.I.

- The energy portion of the consumer price index rose by 2.6 percent. A 2.2 percent fall in the price index of natural gas, and a 5 percent fall in the price index of fuel oil, held the rise in the C.P.I. to 4.3 percent. The C.P.I. would have risen 4.5 percent if energy commodities had been left out of the index.
- In the domestic market, there was a 4.3 percent rise in the consumer price index of electricity. However, the decline of 5 percent in the price index of fuel oil failed to halt the continuing decline in the demand for light fuel oil in Ontario and in Quebec.

1 These data do not include electricity generated in industries for their own use.

TABLE 3

INDICES OF CONSUMER PRICE CHANGES

INDICATOR	1986	1987	%Change
CPI	132.4	138.2	4.3
Food	126.8	132.4	4.4
All Other Items In CPI (Excluding Energy)	131.9	137.9	4.5
Energy Commodities	133.6	137.1	2.6
Motor Gasoline	128.4	134.5	4.7
Motor Oil	129.8	133.1	2.6
Fuel Oil	128.1	121.7	-5.0
Natural Gas	139.3	136.2	-2.2
Electricity	139.8	145.7	4.3

IV. ENERGY PRICES

Petroleum

- Domestic crude oil prices increased 19.3 percent in 1987.
- The average price of our crude oil exports increased 20.9 percent, but the price of foreign crude imports increased by only 10.7 percent.
- These crude price increases were not uniformily passed on to the domestic consumer (Table 4).
- Consumer price changes for refined petroleum products show no consistent pattern.
  - Light fuel oil prices, other than for residential space heating, declined 17.0 percent.
  - Residential heating oil prices declined 5.8 percent, reflecting continued demand decreases and fuel switching.
  - Heavy fuel oil prices increased 5.6 percent as domestic demand exceeded domestic production for the second consecutive year.
  - Unleaded gasoline prices increased 5.0 percent.
  - Automotive diesel prices increased 1.3 percent.

Natural Gas

- Natural gas export prices declined 24.0 percent, prompting a 32.9 percent increase in U.S. demand for Canadian gas.
- Domestic natural gas prices declined 1.6 percent for residential, and 2.5 percent for commercial users. However, the demand by these two groups decreased due to the milder winter months of 1987.
- Industrial natural gas prices declined 6.9 percent, prompting demand increases which almost offset the decreased demand in the residential and commercial sectors.

Electricity

- Electricty export prices, largely for interruptable supplies, declined 13 percent, again prompting increased U.S. demand for Canadian electricity.
- Price increases occurred for residential, commercial and industrial consumers.

Coal

- Coal export prices declined 8 percent, from $66.60 to $61.10 per tonne, prompting increased demand by Pacific Rim countries.
- The price of our coal imports from the United States decreased by 20 percent, and was associated with increased imports.
- Since coal import and export contracts are usually defined in terms of the United States dollar, the relative increase of the Canadian dollar contributed to these changes.

TABLE 4

ENERGY PRICES

	1986	1987	% Change
Crude Oil (dollars per cubic metre)			
Domestic Wellhead Average, Edmonton	124.44	148.44	19.3
Refiners Acquisition Costs, Montreal	133.49	158.12	18.5
Imported Crude	140.09	155.08	10.7
Crude Exports	112.21	135.71	20.9
Petroleum Products (cents per litre)			
Residential			
Retail Domestic Heating Oil	30.9	29.1	-5.8
Gasoline: Leaded	44.8	47.3	5.6
Unleaded	47.7	50.1	5.0
Automotive Diesel Fuel	46.1	46.7	1.3
Commercial and Industrial			
Light Fuel Oil (No. 2)	27.1	22.5	-17.0
Heavy Fuel Oil (No. 6)	12.5	13.2	5.6
Natural Gas			
Residential (cents per cubic metre)	18.88	18.58	-1.6
Commercial (cents per cubic metre)	16.10	15.69	-2.5
Industrial (cents per cubic metre)	12.19	11.35	-6.9
Export (dollars per gigajoule)	3.24	2.46	-24.0
Electricity (monthly consumption cents per kWh)			
Residential (1 000 kWh)	5.17	5.39	4.3
Commercial (500 000 kWh)	4.42	4.58	3.6
Industrial (3 100 000 kWh)	3.66	3.70	1.1
Export (interruptable)	3.08	2.66	-13.6
Coal			
Import	76.11	61.07	-19.8
Export (FOB, per tonne) (p)	66.60	61.08	-8.1

STATISTICAL APPENDIX

PETROLEUM
PETROLE

PETROLEUM SUPPLY AND DEMAND (SUMMARY)
OFFRE ET DEMANDE DE PETROLE (RESUME)

PERIOD PERIODE	PROD. PROD.	IMP. IMP.	TOTAL SUPPLY OFFRE TOTALE	DOMESTIC DEMAND DEMANDE INTER.	EXPORTS EXPORT.	TOTAL DEMAND DEMANDE TOTALE
			THOUSAND CUBIC METRES PER DAY EN MILLIERS DE METRES CUBES PAR JOUR			
1971	252.4	130.7	383.1	243.3	133.7	377.0
1972	291.1	147.9	439.0	259.4	178.5	437.9
1973	335.6	153.3	489.0	271.8	212.9	484.7
1974	317.6	141.7	459.3	277.0	177.6	454.6
1975	276.4	137.2	413.6	273.1	142.3	415.5
1976	254.7	121.1	375.8	278.4	103.8	382.2
1977	255.9	115.4	371.4	282.9	84.3	367.2
1978	253.8	106.0	359.8	289.9	80.3	370.3
1979	291.0	102.1	393.1	301.0	91.9	392.9
1980	280.6	94.9	375.5	297.7	76.9	374.6
1981	256.6	87.8	344.4	281.1	68.3	349.4
1982	252.5	61.1	313.7	250.5	74.2	324.7
1983	264.8	48.3	313.1	236.2	87.6	323.8
1984	282.1	53.3	335.4	237.0	99.5	336.5
1985	287.8	58.3	346.1	241.2	121.0	362.2
1986	286.4	75.1	361.5	241.3	128.7	370.1
1987	301.8	85.8	387.5	248.6	138.6	387.2
MNEM	VPTPNCA	VPTMTCA	VPTSUCA	VPTEUCA	VPTXTCA	VPTTDCA

PETROLEUM
PETROLE

CRUDE OIL AND EQUIVALENT SUPPLY AND DEMAND
OFFRE ET DEMANDE DE PETROLE BRUT ET EQUIVALENTS

PERIOD PERIODE	PROD. PROD.	IMPORTS IMPORT.	TOTAL SUPPLY OFFRE TOTALE	CRUDE RUNS TO STILLS PET. BRUT POUR DISTIL	EXPORTS EXPORT.	TOTAL DEMAND DEMANDE TOTALE
			THOUSAND CUBIC METRES PER DAY EN MILLIERS DE METRES CUBES PAR JOUR			
1971	235.3	106.4	341.7	221.1	118.8	339.9
1972	270.2	125.4	395.6	242.3	151.3	393.6
1973	312.1	136.7	448.8	264.6	180.2	444.8
1974	293.0	130.3	423.3	280.1	143.9	424.0
1975	250.9	130.8	381.8	269.2	112.1	381.2
1976	229.6	114.6	344.2	267.9	74.5	342.4
1977	230.5	106.4	336.9	284.2	51.9	336.1
1978	227.6	97.8	325.4	286.0	42.3	328.3
1979	256.6	97.0	353.6	307.2	45.9	353.1
1980	244.6	88.1	332.6	298.5	32.6	331.1
1981	220.2	80.9	301.1	277.4	25.9	303.3
1982	217.6	53.9	271.5	236.8	34.0	270.8
1983	230.2	39.3	269.5	225.6	46.5	272.0
1984	243.7	38.9	282.6	225.2	56.5	281.7
1985	250.0	45.0	295.0	218.9	77.5	296.4
1986	250.3	56.4	306.7	214.6	93.0	307.6
1987	260.7	64.3	325.0	223.1	98.7	321.8
MNEM	VCRPNCA	VCRMTCA	VCRSUCA	VCRRPCA	VCRXTCA	VCRTDCA

PETROLEUM
PETROLE

CRUDE OIL AND EQUIVALENT PRODUCTION BY TYPE
PRODUCTION PAR TYPE DE PETROLE BRUT ET EQUIVALENTS

PERIOD PERIODE	LIGHT LEGER	MEDIUM MOYEN	HEAVY LOURD	CRUDE BITUMEN BRUT BIT.	SYNTHETIC SYNTHET.	CONDENSATES CONDENSAT	PENTANES PENTANES	TOTAL TOTALE
				THOUSAND CUBIC METRES PER DAY EN MILLIERS DE METRES CUBES PAR JOUR				
1971	176.2	20.6	11.5	--	6.7	0.3	20.0	235.3
1972	202.5	19.9	13.1	0.2	8.1	0.5	25.9	270.2
1973	241.8	19.5	15.7	0.2	8.0	0.6	26.4	312.1
1974	229.4	15.4	15.1	0.2	7.3	0.4	25.3	293.0
1975	194.7	10.4	14.4	0.5	6.8	0.4	23.7	250.9
1976	174.1	11.0	14.5	1.2	7.6	0.4	20.8	229.6
1977	170.1	13.1	17.6	1.3	7.2	0.5	20.7	230.5
1978	167.4	13.0	18.2	1.2	8.9	0.5	18.5	227.6
1979	189.9	12.1	19.6	1.6	14.6	0.5	18.3	256.6
1980	175.2	11.5	19.1	1.5	20.2	0.5	16.5	244.6
1981	158.9	4.9	20.3	2.1	17.7	0.4	15.9	220.2
1982	154.8	5.2	19.1	3.4	19.1	0.4	15.6	217.6
1983	157.8	6.3	22.0	4.0	25.2	0.4	14.5	230.2
1984	168.0	7.6	26.3	5.3	21.1	0.5	15.0	243.7
1985	161.9	8.2	28.6	8.1	26.7	0.5	15.8	250.0
1986	152.1	8.1	29.4	14.8	29.4	0.3	16.1	250.3
1987	154.6	11.1	30.3	18.4	28.7	0.4	17.1	260.7
MNEM	VLIPNCA	VMEPNCA	VHVPNCA	VCEPNCA	VSOPNCA	VCOPNCA	VCPPNCA	VCRPNCA

PETROLEUM
PETROLE

CRUDE OIL AND EQUIVALENT IMPORTS BY COUNTRY OF ORIGIN
IMPORTATIONS DE PETROLE BRUT ET EQUIVALENTS PAR PAYS D'ORIGINE

PERIOD PERIODE	ALGERIA ALGERIE	IRAN IRAN	IRAQ IRAQ	KUWAIT KOWEIT	LIBYA LIBYE	MEXICO MEXIQUE	NIGERIA NIGER
			THOUSAND CUBIC METRES PER DAY EN MILLIERS DE METRES CUBES PAR JOUR				
1971	-	14.2	4.0	-	0.2	-	9.0
1972	-	15.6	2.6	0.4	5.4	-	9.3
1973	-	21.8	3.4	0.5	5.5	-	8.2
1974	-	31.0	1.5	5.0	1.3	-	2.0
1975	-	33.1	5.9	4.9	2.0	-	3.7
1976	-	25.0	4.6	0.4	3.2	-	4.5
1977	-	19.5	3.0	0.6	-	-	0.7
1978	-	17.5	3.9	-	-	-	-
1979	1.5	7.3	1.3	2.8	1.2	-	-
1980	-	0.2	3.1	1.9	0.9	-	0.4
1981	3.1	-	-	1.7	1.4	8.3	0.6
1982	3.3	1.5	-	--	0.2	8.6	0.7
1983	2.4	6.9	-	0.5	0.8	9.0	2.3
1984	3.5	1.3	-	-	0.8	7.1	3.7
1985	3.8	1.7	-	-	1.1	5.1	2.8
1986	-	4.8	-	-	-	2.9	6.4
1987	-	3.6	1.6	-	-	2.8	6.4
MNEM	VCRMT4AA	VCRMT3AI	VCRMT3AR	VCRMT3AK	VCRMT4AL	VCRMT8AM	VCRMT4AN

PETROLEUM
PETROLE

CRUDE OIL AND EQUIVALENT IMPORTS BY COUNTRY OF ORIGIN
IMPORTATIONS DE PETROLE BRUT ET EQUIVALENTS PAR PAYS D'ORIGINE

PERIOD PERIODE	SAUDI ARABIA ARABIE SAOUDIT	UNITED ARAB EMIRATS EMIRATS ARABES UNIS	UNITED STATES ETATS-UNIS(11)	VENEZUELA VENEZUELA	UNITED KINGDOM ROYAUME UNI	NORWAY NOVEGE	OTHERS AUTRES	TOTAL IMPORTED TOTAL IMPORTE
			THOUSAND CUBIC METRES PER DAY EN MILLIERS DE METRES CUBES PAR JOUR					
1971	6.4	1.5	-	64.4	..	..	6.7	106.4
1972	11.7	7.5	-	61.8	..	..	11.1	125.4
1973	11.4	12.7	-	63.1	..	..	10.2	136.7
1974	16.9	12.7	-	55.7	..	..	4.2	130.3
1975	26.0	12.8	-	40.9	..	..	1.5	130.8
1976	17.3	9.0	-	42.8	..	..	7.8	114.6
1977	25.0	2.2	-	41.4	..	..	13.8	106.4
1978	21.2	-	-	33.2	..	..	22.0	97.8
1979	30.9	0.8	14.0	33.6	..	..	3.6	97.0
1980	34.7	1.3	14.3	26.3	..	..	5.0	88.1
1981	26.1	0.5	9.8	21.9	..	..	7.5	80.9
1982	8.5	0.3	9.2	18.2	..	..	3.2	53.9
1983	1.0	-	2.6	8.9	..	..	4.9	39.3
1984	-	-	2.5	11.9	..	..	7.9	38.9
1985	-	-	3.6	10.0	11.9	4.1	0.9	45.0
1986	3.9	-	3.8	6.5	24.0	2.8	1.2	56.4
1987	2.4	0.8	2.6	5.6	32.3	2.1	4.0	64.3
MNEM	VCRMT3AS	VCRMT3AU	VCRMTUA	VCRMT7AV	VCRMT6AB	VCRMT6AN	VCRMT9A	VCRMTCA

PETROLEUM
PETROLE

REFINED PRODUCTS SUPPLY AND DEMAND - TOTAL ALL PRODUCTS
OFFRE ET DEMANDE DE PRODUITS RAFFINES - TOTAL DE TOUS LES PRODUITS

PERIOD PERIODE	PROD. PROD.	IMPORTS IMPORT.	TOTAL SUPPLY OFFRE TOTALE	DOMESTIC DEM. DEMANDE INTER.	EXPORTS EXPORT.	TOTAL DEMAND DEMANDE TOTALE
			THOUSAND CUBIC METRES PER DAY EN MILLIERS DE METRES CUBES PAR JOUR			
1971	222.6	24.3	246.9	236.8	5.8	242.6
1972	245.0	22.5	267.5	252.8	14.8	267.6
1973	269.6	16.7	286.3	265.3	18.1	283.4
1974	283.5	11.4	294.8	269.3	17.2	286.5
1975	274.1	6.4	280.5	266.8	13.9	280.7
1976	276.0	6.5	282.5	276.2	10.6	286.8
1977	293.3	9.1	302.4	281.4	12.3	293.7
1978	295.9	8.2	304.1	288.8	20.6	309.5
1979	318.1	5.1	323.2	299.6	19.4	318.9
1980	309.4	6.9	316.3	292.0	20.2	312.2
1981	287.1	6.9	293.9	274.0	19.4	293.3
1982	246.9	7.3	254.2	245.6	14.4	260.1
1983	235.9	8.9	244.8	228.6	20.1	248.7
1984	238.0	14.4	252.5	226.8	22.1	248.9
1985	233.7	13.2	247.0	226.2	25.7	251.9
1986	228.7	18.7	247.4	225.8	23.4	249.3
1987	239.8	21.5	261.2	230.3	27.0	257.3
MNEM	VRPPNCA	VRPMTCA	VRPSUCA	VRPEUCA	VRPXTCA	VRPTDCA

PETROLEUM
PETROLE

ETHANE, PROPANE AND BUTANE - SUPPLY AND DEMAND
OFFRE ET DEMANDE D'ETHANE, PROPANE ET BUTANE

PERIOD PERIODE	GAS PLANT PROD. PROD. DES USINES A GAZ	REFINERY PROD. PROD. RAFFIN.	IMP.	TOTAL SUPPLY OFFRE TOTALE	DOMESTIC DEMAND DEMANDE INTER.	EXPORTS EXPORT.	TOTAL DEMAND DEMANDE TOTALE
	THOUSAND CUBIC METRES PER DAY EN MILLIERS DE METRES CUBES PAR JOUR						
1971	17.1	3.2	-	20.3	10.7	9.2	19.9
1972	20.9	3.0	-	23.9	11.5	12.4	23.9
1973	23.5	3.5	-	27.0	12.3	14.7	27.0
1974	24.6	3.8	-	28.4	13.7	16.6	30.3
1975	25.5	4.0	-	29.5	13.4	16.4	29.8
1976	25.1	5.2	-	30.3	12.1	18.8	30.9
1977	25.4	5.4	-	30.8	11.9	20.2	32.1
1978	26.2	6.2	-	32.4	12.1	17.6	29.7
1979	34.4	6.7	-	41.1	13.8	26.9	40.7
1980	36.0	7.2	-	43.2	17.1	25.1	42.2
1981	36.5	7.6	-	44.1	18.2	24.6	42.8
1982	34.9	7.6	-	42.5	16.3	26.9	43.2
1983	34.6	8.9	-	43.5	20.9	22.0	42.9
1984	38.4	9.1	-	47.5	25.2	22.0	47.2
1985	37.8	8.9	-	46.7	30.7	19.0	49.7
1986	36.1	7.8	-	43.9	28.6	13.6	42.2
1987	41.1	8.4	-	49.4	33.3	14.7	47.9
MNEM	VLTPNCA	VLRPNCA	VLPMTCA	VLPSUCA	VLPEUCA	VLPXTCA	VLPTDCA

NATURAL GAS
GAZ NATUREL

NATURAL GAS SUPPLY AND DEMAND IN CANADA
OFFRE ET DEMANDE DE GAZ NATUREL AU CANADA

	INDIGENOUS SUPPLY DISPONIBILITE INDIGENE	IMPORTS IMPORT.	TOTAL SUPPLY APPR. TOTAL	DOMESTIC DEMAND DEMANDE INTER.	EXPORTS EXPORTS	TOTAL DEMAND DEMANDE TOTALE
PERIOD PERIODE			MILLIONS OF CUBIC METRES EN MILLIONS DE METRES CUBES			
1971	..	406.5	..	..	25800.9	..
1972	..	444.5	..	..	28594.0	..
1973	77853.3	419.9	78273.1	49828.0	29092.8	78920.8
1974	76161.7	379.8	76541.4	49702.3	27166.3	76868.5
1975	77512.6	289.5	77802.0	50269.2	26826.5	77095.6
1976	77246.1	114.8	77360.8	49693.3	27013.5	76706.8
1977	81128.0	0.6	81128.6	51662.5	28441.1	80103.6
1978	78162.2	1.8	78164.0	52604.1	24956.9	77560.9
1979	85699.2	2.1	85701.3	56559.5	28343.8	84903.3
1980	78082.4	3.2	78085.5	55899.8	22562.8	78462.6
1981	75538.8	3.0	75541.8	53367.7	21583.8	74951.5
1982	77041.5	4.6	77046.1	53666.2	22196.7	75862.9
1983	72443.6	3.8	72447.4	53172.4	20169.3	73341.7
1984	79427.4	3.6	79431.0	57703.1	21401.6	79104.7
1985	87010.7	5.1	87015.7	62072.6	26152.9	88225.5
1986	82565.2	260.4	82825.5	60633.1	21090.1	81723.2
1987	88356.0	93.3	88449.3	60500.3	28032.4	88532.7
MNEM	VNGIUCA	VNGMTCA	VNGSUCA	VNGEUCA	VNGXTCA	VNGTDCA

NATURAL GAS
GAZ NATUREL

INDIGENOUS SUPPLY OF NATURAL GAS
DISPONIBILITE INDIGENOUS DE GAZ NATUREL

				TRANSFORMED TO LPGS AND C5+ TRANSFORME AU LGN ET C5+					
	GROSS NEW PRODUCTION PRODUCTION ORIGINALE BRUTE	INJECTED AND STORED INJECTE ET STOCKE	NET PRODUCTION PRODUCTION NETTE	PROCESSING SHRINKAGE PERTES EN COURS DE TRAITEMENT	REPROCESSING SHRINKAGE PERTES EN COURS DE TRAITEMENT AUX USINES DE RECYCLAGE	PEAK SHAVINGS NIVELAGE DES POINTS	TOTAL TOTAL	ADJUSTMENT RECTIFICATIONS	INDIGENOUS SUPPLY DISPONIBILITE INDIGENE
PERIOD PERIODE	MILLIONS OF CUBIC METRES EN MILLIONS DE METRES CUBES								
1971	..	..	..	..	..	..	..	..	..
1972	94222.8	9064.2	85158.7	..	..	58.7	..	-250.7	..
1973	101312.7	10406.1	90906.6	12524.8	816.2	24.0	13317.1	-263.7	77853.3
1974	98778.7	10834.5	87944.2	12092.4	768.5	21.8	12839.2	-1056.6	76161.7
1975	98830.1	10253.5	88576.5	11592.8	769.1	16.9	12345.0	-1281.1	77512.6
1976	99357.6	10518.9	88838.7	11275.9	733.6	27.7	11981.7	-389.1	77246.1
1977	103638.5	11325.8	92312.7	11320.6	756.7	77.9	11999.3	-814.6	81128.0
1978	101072.3	11238.2	89834.2	10773.7	1071.3	180.5	11664.5	7.4	78162.2
1979	108797.6	11465.3	97332.4	11186.5	1759.4	361.2	12584.7	-951.5	85699.2
1980	100267.5	11875.2	88392.3	10150.8	1998.2	279.8	11869.2	-1559.3	78082.4
1981	99381.9	12339.2	87042.7	9709.2	2012.1	248.1	11473.2	30.7	75538.8
1982	100264.2	11661.3	88602.9	9288.2	1945.1	234.6	10998.7	562.7	77041.5
1983	97144.7	12205.8	84938.9	9343.5	1888.5	269.7	10962.3	1533.1	72443.6
1984	103782.9	11774.4	92008.5	9575.6	2239.7	244.9	11570.4	1010.7	79427.4
1985	111017.1	12034.0	98983.1	9886.8	2395.2	295.7	11986.3	-13.9	87010.7
1986	107615.4	14062.0	93553.4	10087.2	2311.8	259.9	12139.1	-1150.8	82565.2
1987	115326.6	14347.6	100979.0	10691.3	2671.0	272.6	13089.7	-466.7	88356.0
MNEM	VNGGPCA	VNGITCA	VNGNPCA	VNGPTCA	VNGPUCA	VNGPVCA	VNGTACA	VNGLSCA	VNGIUCA

NATURAL GAS
GAZ NATUREL

RECONCILIATION OF MARKETABLE PRODUCTION AND INDIGENOUS SUPPLY IN CANADA
RECONCILIATION DE PRODUCTION DE GAZ NATUREL ET DISPONIBILITE INDIGENOUS AU CANADA

		PRODUCER CONSUMPTION CONSOMMATION DES PRODUCTEURS							
	MARKETABLE PRODUCTION PRODUCTION MARCHANDE	FIELD DISPOSITION & USES EMPLOI ET UTILISATION CHANTIERS	FIELD FLARED AND WASTE BRULE CHANTIERS ET PERTES	GATHERING SYSTEM DISPOSITION & USES EMPLOI ET UTILISATION COLLECTEURS	REPROCESSING FLARED BRULE AUX USINES DE RECYCLAGE	REPROCESSING FUEL CONSOMME PAR LES USINES DE RECYCLAGE	OTHER DISPOSITION & USES AUTRES EMPLOIS ET UTILISATIONS	TOTAL TOTALE	INDIGENOUS SUPPLY DISPONIBILITE INDIGENE
PERIOD PERIODE	MILLIONS OF CUBIC METRES EN MILLIONS DE METRES CUBES								
1971	..	..	..	..	..	..	..	..	..
1972	..	673.2	2307.9	267.3	..	..	..	..	..
1973	69466.5	861.2	2396.1	324.1	6.2	274.0	4525.2	8386.8	77853.3
1974	68558.5	1048.1	1900.2	228.0	5.8	284.8	4136.3	7603.2	76161.7
1975	69308.4	1138.4	1448.8	402.5	3.2	287.5	4923.7	8204.2	77512.6
1976	69676.4	1286.1	1270.0	407.3	2.2	306.3	4297.7	7569.7	77246.1
1977	73474.9	1242.8	1193.2	690.5	2.3	308.6	4215.8	7653.2	81128.0
1978	70284.2	865.3	1310.3	883.3	4.9	391.2	4423.0	7878.0	78162.2
1979	77350.2	1188.8	1615.4	656.3	5.5	443.3	4439.8	8349.1	85699.2
1980	70106.2	881.4	1526.4	733.4	16.0	422.3	4396.7	7976.2	78082.4
1981	68095.9	766.1	1504.3	649.7	21.7	421.2	4079.9	7442.9	75538.8
1982	69511.5	642.2	1524.5	910.4	22.0	397.9	4033.0	7530.0	77041.5
1983	65384.2	496.7	1595.6	682.8	19.4	300.6	3964.3	7059.4	72443.6
1984	71214.7	705.5	2204.4	847.8	22.9	289.2	4142.9	8212.7	79427.4
1985	77384.0	1545.2	2555.0	828.1	24.1	308.4	4365.9	9626.7	87010.7
1986	72127.2	2045.8	2477.9	903.9	19.6	463.7	4527.1	10438.0	82565.2
1987	77850.4	1989.5	2646.3	913.4	18.1	319.5	4618.8	10505.6	88356.0
MNEM	VNGPNCA	VNGFACA	VNGFFCA	VNGGSCA	VNGRFCA	VNGRBCA	VNGODCA	VNGPCCA	VNGIUCA

ELECTRICITY
ELECTRICITE

SUPPLY AND DEMAND OF ELECTRICITY
OFFRE ET DEMANDE D'ELECTRICITE

PERIOD PERIODE	HYDRO HYDRO	CONVENT. THERM. THERM. CLASS.	NUCL.	PROD.	IMP.	TOTAL SUPPLY APPR. TOTAL	DOMESTIC DEMAND DEMANDE INTER.	EXP.	TOTAL DEMAND DEMANDE TOTALE
					GW.H				
1971	160984.	51500.	3988.	216472.	3378.	219851.	212530.	7321.	219851.
1972	179944.	53530.	6739.	240213.	2381.	242594.	231557.	11037.	242594.
1973	192842.	56236.	14256.	263335.	2249.	265584.	249298.	16286.	265584.
1974	210936.	55455.	13865.	280256.	2441.	282697.	267298.	15400.	282697.
1975	202396.	59138.	11858.	273392.	3972.	277364.	265955.	11409.	277364.
1976	212792.	64822.	16430.	294043.	3590.	297633.	284829.	12804.	297633.
1977	220129.	71801.	24850.	316780.	2690.	319471.	299588.	19883.	319471.
1978	234039.	72171.	29435.	335645.	2099.	337743.	316151.	21592.	337743.
1979	242941.	76029.	33275.	352246.	1792.	354038.	322660.	31378.	354038.
1980	250998.	79800.	35880.	366677.	2940.	369617.	339436.	30181.	369617.
1981	263137.	77595.	37799.	378531.	1497.	380028.	344656.	35372.	380028.
1982	255185.	85133.	36168.	376485.	2856.	379341.	345115.	34226.	379340.
1983	263363.	85881.	46220.	395464.	2759.	398223.	359813.	38410.	398223.
1984	283370.	92228.	49255.	424853.	2343.	427196.	385761.	41436.	427196.
1985	300736.	88581.	57095.	446412.	2693.	449105.	406089.	43016.	449105.
1986	307653.	80930.	67233.	455820.	4957.	460777.	421842.	38934.	460777.
1987	313189.	96030.	72888.	482107.	3471.	485578.	438152.	47427.	485578.
MNEM	VENPNCA	VCTPNCA	VENPNCA	VELPNCA	VELMTCA	VELSUCA	VELEUCA	VELXTCA	VELTDCA

COAL
CHARBON

COAL SUPPLY AND DEMAND
OFFRE ET DEMANDE DE CHARBON

PERIOD PERIODE	PRODUCTION PRODUCTION	IMPORTS IMPORTATION	TOTAL SUPPLY APPROV. TOTAL	DOMESTIC DEMAND DEMANDE INTERIEURE	EXPORTS EXPORTATION	TOTAL DEMAND DEMANDE TOTALE
			KILOTONNES			
1971	16721.	16186.	32907.	25195.	7016.	32211.
1972	18787.	16846.	35633.	24228.	8547.	32775.
1973	20472.	15095.	35567.	24994.	10288.	35282.
1974	21102.	12370.	33472.	24817.	10523.	35340.
1975	25293.	15820.	41113.	25513.	11430.	36943.
1976	25475.	14622.	40097.	28220.	11857.	40077.
1977	28681.	15439.	44120.	30896.	12387.	43283.
1978	30477.	14119.	44596.	31737.	14000.	45737.
1979	33013.	17524.	50537.	34753.	13698.	48451.
1980	36664.	15860.	52524.	37333.	15269.	52602.
1981	40088.	14844.	54932.	38367.	15705.	54072.
1982	42811.	15775.	58586.	41353.	16004.	57357.
1983	44780.	14667.	59447.	43649.	17011.	60660.
1984	57402.	18359.	75761.	48699.	25138.	73837.
1985	60854.	14620.	75474.	48666.	27378.	76044.
1986	57812.	13312.	71124.	44532.	25904.	70436.
1987	61211.	14345.	75556.	50140.	26741.	76881.
ANNEE	VCCPNCA	VCCMTCA	VCCSUCA	VCCEUCA	VCCXTCA	VCCTDCA

ECONOMIC INDICATORS
INDICATEURS ECONOMIQUES

INVESTMENT-CURRENT DOLLARS
INVESTISSEMENT-EN DOLLARS COURANTS

PERIOD PERIODE	GOVERNMENT INVESTMENT INVEST. DES ADMIN. PUBLIQUES	BUSINESS INVESTMENT INVEST. DES ENTREPRISES	TOTAL INVESTMENT TOTAL DES INVEST.	ENERGY INVESTMENT TOTAL DES INVEST. DANS L'ENERGIE	L'ENERGIE EXPRIMEE EN % DE TOTAL INVEST. TOTAUX	 GNE D.N.B.
	MILLIONS OF CURRENT DOLLARS EN MILLIONS DE DOLLARS COURANTS					
1971	6011.3	14172.7	20184.0	..	..	..
1972	6359.9	15858.1	22218.0	3567.0	16.1	3.3
1973	7357.3	19260.8	26618.1	4220.0	15.9	3.3
1974	9482.3	23399.9	32882.2	5151.0	15.7	3.4
1975	12777.6	25438.6	38216.2	6831.0	17.9	4.0
1976	12882.9	30753.4	43636.3	7676.0	17.6	3.9
1977	14108.7	32488.8	46597.5	8782.0	18.8	4.0
1978	15111.6	35248.0	50359.6	10258.0	20.4	4.2
1979	16106.8	42247.6	58354.4	12037.0	20.6	4.4
1980	17529.4	48663.8	66193.2	14458.0	21.8	4.7
1981	21167.2	58436.9	79604.1	18483.0	23.2	5.2
1982	24106.0	52655.0	76761.0	21341.0	27.8	5.7
1983	23567.4	49951.4	73518.8	18779.0	25.5	4.6
1984	22864.3	52513.3	75377.6	16948.0	22.5	3.8
1985	23427.2	67076.8	90504.0	16929.0	18.7	3.5
1986	21944.5	75141.1	97085.6	13739.0	14.2	2.7
1987	22789.8	85739.1	108528.9	13352.0	12.3	2.4
MNEM	EGODCCA	EBUDCCA	EITDCCA	ETIDCCA	EPTPCCA	EPGPCCA

ECONOMIC INDICATORS
INDICATEURS ECONOMIQUES

CAPITAL EXPENDITURES IN ENERGY RELATED INDUSTRIES-CURRENT DOLLARS
IMMOBILISATIONS DANS LES INDUSTRIES ENERGETIQUES-EN DOLLARS COURANTS

PERIOD PERIODE	INDUSTRIES RELATED TO PETROLEUM AND NATURAL GAS PETROLE ET GAZ ET INDUSTRIES CONNEXES					
	EXPLORATION AND PRODUCTION EXPLORATION ET PRODUCTION			REFINING AND MARKETING RAFFINAGE ET COMMERCIALISATION		
	CONVENT. CLASS.	SYNTHETIC SYNTHET.	TOTAL TOTAL	REFINED PET. PRODUCTS PROD. RAFF. DU PETROLE	PETROLEUM MARKETING COMMERCIAL DU PETROLE	TOTAL TOTAL
	MILLIONS OF CURRENT DOLLARS EN MILLIONS DE DOLLARS COURANTS					
1971	..	..	..	..	..	..
1972	666.	-	666.	239.	112.	351.
1973	824.	-	824.	314.	128.	442.
1974	1088.	-	1088.	425.	145.	570.
1975	1390.	-	1390.	448.	153.	601.
1976	1968.	-	1968.	341.	165.	506.
1977	2251.	-	2251.	364.	136.	500.
1978	2571.	-	2571.	308.	146.	454.
1979	3641.	245.	3886.	271.	134.	405.
1980	5324.	421.	5745.	318.	205.	523.
1981	5904.	541.	6445.	845.	264.	1109.
1982	6357.	386.	6743.	1225.	321.	1546.
1983	6141.	423.	6564.	841.	375.	1216.
1984	6452.	495.	6947.	432.	423.	855.
1985	7122.	1065.	8187.	336.	357.	693.
1986	4855.	546.	5401.	398.	345.	743.
1987	3802.	523.	4325.	660.	426.	1086.
MNEM	EXXDCCA	ESYDCCA	EICDCCA	ERPDCCA	EPODCCA	ERMDCCA

ECONOMIC INDICATORS
INDICATEURS ECONOMIQUES

CAPITAL EXPENDITURES IN ENERGY RELATED INDUSTRIES-CURRENT DOLLARS(CONT'D)
INMOBILISATIONS DANS LES INDUSTRIES ENERGETIQUES-EN DOLLARS COURANTS(SUITE)

PERIOD PERIODE	INDUSTRIES RELATED TO PETROLEUM AND NATURAL GAS(CONT'D) PETROLE ET GAZ ET INDUSTRIES CONNEXES(SUITE)						TOTAL TOTAL
	NAT. GAS PROCESSING PLANTS USINES DE DEGAZOLINAGE DU GAZ NAT.	NAT. GAS DISTRIBUTION DISTRIBUTION DU GAZ NAT.	TOTAL TOTAL	PIPELINES PIPELINES GAS GAZ	 OIL HUILE	DRILLING CONTRACTORS ENTREPRENEURS EN FORAGE	
	MILLIONS OF CURRENT DOLLARS EN MILLIONS DE DOLLARS COURANTS						
1971	..	..	..	..	..	..	..
1972	130.	142.	272.	371.	76.	24.	1760.
1973	70.	146.	216.	284.	107.	41.	1914.
1974	138.	192.	330.	204.	58.	20.	2270.
1975	148.	193.	341.	196.	166.	27.	2721.
1976	163.	182.	345.	200.	137.	31.	3187.
1977	156.	213.	369.	282.	93.	39.	3534.
1978	219.	247.	466.	256.	56.	113.	3916.
1979	302.	263.	565.	186.	43.	128.	5213.
1980	312.	386.	698.	525.	77.	198.	7766.
1981	312.	409.	721.	1605.	141.	275.	10296.
1982	523.	518.	1041.	1916.	78.	174.	11498.
1983	196.	577.	773.	509.	152.	155.	9369.
1984	340.	604.	944.	431.	365.	44.	9586.
1985	338.	604.	942.	312.	353.	80.	10567.
1986	208.	574.	782.	255.	332.	30.	7543.
1987	161.	534.	695.	317.	212.	14.	6649.
NNEM	ENSDCCA	ENDDCCA	ENTDCCA	EGPDCCA	EOPDCCA	EDCDCCA	ETLDCCA

ECONOMIC INDICATORS
INDICATEURS ECONOMIQUES

CAPITAL EXPENDITURES IN ENERGY RELATED INDUSTRIES-CURRENT DOLLARS(CONT'D)
INMOBILISATIONS DANS LES INDUSTRIES ENERGETIQUES-EN DOLLARS COURANTS(SUITE)

PERIOD PERIODE	COAL CHARBON COAL MINES MINES DE CHARBON	COAL CHARBON COAL PRODUCTS PRODUITS DU CHARB.	COAL CHARBON TOTAL TOTAL	ELECTRIC POWER SYSTEMS ENERGIE ELECTRIQUE	URANIUM MINES MINES D'URANIUM	TOTAL ENERGY INVESTMENT TOTAL DES INVESTISSEMENTS, ENERGIE
	MILLIONS OF CURRENT DOLLARS EN MILLIONS DE DOLLARS COURANTS					
1971	90.	4.	94.	1747.	6.	..
1972	37.	5.	42.	1754.	11.	3567.
1973	39.	5.	44.	2244.	18.	4220.
1974	88.	5.	93.	2753.	35.	5151.
1975	121.	2.	123.	3957.	30.	6831.
1976	191.	3.	194.	4229.	66.	7676.
1977	248.	3.	251.	4884.	113.	8782.
1978	219.	7.	226.	5936.	180.	10258.
1979	214.	3.	217.	6364.	243.	12037.
1980	299.	7.	306.	6109.	277.	14458.
1981	576.	3.	579.	7319.	289.	18483.
1982	1024.	6.	1030.	8408.	405.	21341.
1983	1225.	2.	1227.	7770.	413.	18779.
1984	832.	4.	836.	6340.	186.	16948.
1985	471.	4.	475.	5727.	160.	16929.
1986	429.	5.	434.	5618.	144.	13739.
1987	355.	9.	364.	6233.	106.	13352.
MNEM	ECSDCCA	ECDDCCA	ECLDCCA	EEDDCCA	EUMDCCA	ETIDCCA

ENERGY/ENERGIE

CANADIAN ENERGY TRADE-VALUE OF EXPORTS
COMMERCE CANADIEN DE L'ENERGIE-VALEUR DES EXPORTATIONS

PERIOD / PERIODE	PETROLEUM / PETROLE				NATURAL GAS / GAZ NATUREL	COAL / CHARBON		
	CRUDE OIL / PETROLE BRUT	PETROLEUM PRODUCTS / PRODUITS PETROLIERS	LIQ. PET. GASES / GAZ DE PET. LIQ.	TOTAL TOTAL		COAL / CHARBON	COAL PRODUCTS / PRODUITS DE CHARB.	TOTAL TOTAL
	MILLIONS OF CURRENT DOLLARS/EN MILLIONS DE DOLLARS COURANTS							
1971	787.	65.	46.	898.	251.	87.	8.	95.
1972	1007.	141.	63.	1211.	307.	106.	6.	112.
1973	1482.	208.	93.	1783.	351.	165.	11.	176.
1974	3420.	362.	236.	4018.	494.	253.	12.	265.
1975	3052.	331.	301.	3684.	1092.	478.	5.	483.
1976	2290.	202.	350.	2842.	1616.	557.	10.	567.
1977	1804.	188.	448.	2440.	2028.	596.	13.	610.
1978	1634.	669.	392.	2695.	2190.	693.	14.	707.
1979	2508.	1351.	525.	4384.	2889.	732.	18.	750.
1980	3039.	1614.	699.	5352.	3984.	794.	30.	824.
1981	2615.	1736.	939.	5290.	4370.	1037.	31.	1067.
1982	2821.	1449.	1095.	5365.	4755.	1192.	29.	1221.
1983	3537.	1779.	1051.	6367.	3847.	1245.	17.	1262.
1984	4430.	2102.	1106.	7638.	3923.	1820.	30.	1851.
1985	6030.	2359.	989.	9379.	4011.	2004.	36.	2041.
1986	3774.	1406.	686.	5866.	2483.	1851.	18.	1869.
1987	4855.	1511.	663.	7029.	2527.	1670.	26.	1696.
MNEM	PX1X19AT	PX2X19AT	PX4X19AT	PY1X19AT	PXNX19AT	PX5X19AT	PX6X19AT	PY2X19AT

ENERGY/ENERGIE

CANADIAN ENERGY TRADE-VALUE OF EXPORTS
COMMERCE CANADIEN DE L'ENERGIE-VALEUR DES EXPORTATIONS

PERIOD PERIODE	ELECTRICITY ELECTRICITE	URANIUM URANIUM ORES & CONCENTR. MINERAIS & CONCEN.	URANIUM ELEMENTS & ISOTOPES ELEMENTS & ISOTOPES	URANIUM TOTAL	TOTAL ENERGY EXPORTS EXPORT. TOTALE D'ENERGIE	TOTAL MERCHANDISE EXPORTS COMMERCE EXPORTATIONS TOTAL
	MILLIONS OF CURRENT DOLLARS/EN MILLIONS DE DOLLARS COURANTS					
1971	48.	18.	16.	34.	1326.	17820.
1972	68.	40.	30.	70.	1768.	20150.
1973	109.	64.	29.	93.	2512.	25421.
1974	175.	51.	48.	99.	5051.	32442.
1975	104.	51.	82.	133.	5496.	33328.
1976	162.	67.	186.	253.	5441.	38475.
1977	377.	75.	167.	242.	5697.	44554.
1978	479.	207.	461.	668.	6739.	53183.
1979	729.	379.	612.	991.	9743.	65641.
1980	773.	231.	639.	870.	11802.	76159.
1981	1123.	179.	697.	876.	12726.	83811.
1982	1120.	359.	434.	793.	13254.	84530.
1983	1228.	63.	368.	430.	13136.	90612.
1984	1378.	334.	541.	875.	15664.	112384.
1985	1425.	234.	591.	825.	17680.	119474.
1986	1080.	167.	674.	841.	12138.	120670.
1987	1200.	278.	608.	886.	13338.	125046.
MNEM	PYRX19AT	PXAX19AT	PXKX19AT	PX7X19AT	PX8X19AT	RMEDCCA

ENERGY/ENERGIE

CANADIAN ENERGY TRADE-VALUE OF IMPORTS
COMMERCE CANADIEN DE L'ENERGIE-VALEUR DES IMPORTATIONS

PERIOD / PERIODE	PETROLEUM / PETROLE				NATURAL GAS / GAZ NATUREL	COAL / CHARBON		
	CRUDE OIL / PETROLE BRUT	PETROLEUM PRODUCTS / PRODUITS PETROLIERS	LIQ. PET. GASES / GAZ DE PET. LIQ.	TOTAL TOTAL		COAL / CHARBON	COAL PRODUCTS / PRODUITS DE CHARB.	TOTAL TOTAL
	MILLIONS OF CURRENT DOLLARS/EN MILLIONS DE DOLLARS COURANTS							
1971	541.	184.	1.	726.	7.	150.	28.	178.
1972	681.	185.	1.	867.	8.	179.	23.	202.
1973	942.	192.	2.	1136.	8.	166.	19.	185.
1974	2646.	325.	2.	2973.	6.	303.	46.	349.
1975	3302.	204.	2.	3508.	8.	576.	67.	643.
1976	3280.	179.	3.	3463.	9.	544.	37.	581.
1977	3258.	240.	3.	3500.	..	620.	54.	674.
1978	3459.	270.	5.	3733.	.	632.	69.	702.
1979	4508.	324.	5.	4838.	.	865.	60.	925.
1980	6927.	592.	26.	7545.	.	811.	71.	882.
1981	8159.	635.	158.	8952.	1.	834.	75.	909.
1982	5131.	581.	236.	5949.	1.	932.	70.	1002.
1983	3392.	809.	196.	4396.	.	841.	100.	942.
1984	3500.	1479.	136.	5115.	.	1094.	109.	1202.
1985	3736.	1457.	122.	5315.	.	887.	190.	1077.
1986	2916.	1309.	197.	4422.	.	744.	130.	874.
1987	3180.	1465.	164.	4809.	..	725.	119.	843.
MNEM	PX1MT9AT	PX2MT9AT	PYLMT9AT	PY1MT9AT	PXMMT9AT	PX5MT9AT	PX6MT9AT	PY2MT9AT

ENERGY/ENERGIE

CANADIAN ENERGY TRADE-VALUE OF IMPORTS
COMMERCE CANADIEN DE L'ENERGIE-VALEUR DES IMPORTATIONS

PERIOD PERIODE	ELECTRICTY ELECTRICITE	URANIUM ELEMENTS & ISOTOPES ELEMENTS & ISOTOPES D'URANIUM	TOTAL ENERGY IMPORTS IMPORT. TOTALE D'ENERGIE	TOTAL MERCHANDISE IMPORTS COMMERCE IMPORTATIONS TOTAL
	MILLIONS OF CURRENT DOLLARS/EN MILLIONS DE DOLLARS COURANTS			
1971	11.	21.	943.	15618.
1972	9.	15.	1101.	18669.
1973	6.	24.	1359.	23325.
1974	5.	16.	3349.	31722.
1975	13.	12.	4184.	34716.
1976	9.	12.	4075.	37494.
1977	15.	29.	4218.	42363.
1978	2.	12.	4449.	50108.
1979	1.	51.	5815.	62871.
1980	3.	17.	8447.	69274.
1981	6.	15.	9883.	79482.
1982	5.	17.	6973.	67856.
1983	2.	15.	5355.	75520.
1984	13.	15.	6345.	95460.
1985	8.	28.	6428.	104355.
1986	9.	31.	5337.	112392.
1987	9.	18.	5680.	116076.
MNEM	PYRMT9AT	PXJMT9AT	PXBMT9AT	RMIDCCA